



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

March 21, 2013

13-0073
15688
3-27-13

Ms. Adina Savage
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

Subject: USS Reference Number: 13-0073
ACHD Reference Number: 15688
"C" Battery Igniter Flare
USS Clairton Works

Dear Adina Savage,

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of ACHD Permit# 0052-I011, as issued on July 24th, 2008.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Thomas E. Schumacher
Acting Plant Manager
Clairton Works

CC: James W. Hagedorn (USEPA)

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 13-0073
ACHD Reference Number: 15688
2. Date & Time of Breakdown: Date: 03/21/13 Time: 1017 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: "C" Battery Igniter Flare
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: Coke oven gas standpipe emissions (30 seconds) and flaring occurred on "C" Battery when a PLC malfunctioned during a shack down period adjustment.

Date	Battery	Start Time	End Time	Duration Min. Sec.	Flared Yes No
03/21/13	C	10:17	10:19	01 30	Yes

8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Raw coke oven gas to atmosphere from standpipes. Released products of combustion of Coke Oven Gas from the igniter flare.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Moderate to Heavy.
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The PLC was corrected.
10. Facility back in operation - Date: 03/21/13 Time: 1019 hours

Reviewed by Coleen M. Davis Date 3-27-13
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015